

erals/functionalities of the apparatus; and means for calculating an amount of time the predefined peripherals/functionalities are attenuated based on a flash mode of the camera.

[0062] In another exemplary embodiment, the camera comprises a first flash mode and a second different flash mode, wherein means for calculating of the apparatus is configured to calculate the amount of time the predefined peripherals/functionalities are attenuated based on a selected flash mode of the camera.

[0063] In another exemplary embodiment, the predefined peripherals/functionalities comprises at least one of a display backlight, a display pixel, a graphics/central processing unit clock, an integrated hands free speaker, or a vibra motor of the apparatus.

[0064] If desired, the different functions discussed herein may be performed in a different order and/or concurrently with each other. Furthermore, if desired, one or more of the above-described functions may be optional or may be combined.

[0065] Although various aspects of the invention are set out in the independent claims, other aspects of the invention comprise other combinations of features from the described embodiments and/or the dependent claims with the features of the independent claims, and not solely the combinations explicitly set out in the claims.

[0066] It should be understood that the foregoing description is only illustrative of the invention. Various alternatives and modifications can be devised by those skilled in the art without departing from the invention. Accordingly, the invention is intended to embrace all such alternatives, modifications and variances which fall within the scope of the appended claims.

What is claimed is:

1. An apparatus, comprising:
a camera;
a camera flash; and
a current optimization system connected to the camera and the camera flash, wherein the current optimization system is configured to calculate a shutdown period based on a flash mode of the camera.
2. The apparatus of claim 1 wherein the current optimization system is configured to at least partly shutdown a component of the apparatus to reduce power consumption in the apparatus during camera flash operation, wherein the length of the shutdown period is calculated based on the flash mode of the camera.
3. The apparatus of claim 2 wherein the camera comprises a first flash mode and a second different flash mode, and wherein the current optimization system is configured to calculate the length of the shutdown period based on a selected flash mode of the camera.
4. The apparatus of claim 2 wherein the current optimization system is configured to at least partly shutdown at least one of a display backlight, a display pixel, a graphics/central processing unit clock, an integrated hands free speaker, or a vibra motor of the apparatus to reduce power consumption in the apparatus during camera flash operation.
5. The apparatus of claim 1 wherein the current optimization system is configured to switch off display backlight of the apparatus to reduce power consumption in the apparatus during camera flash operation, wherein the length of the shutdown period is calculated based on the flash mode of the system.

6. The apparatus of claim 5 wherein the current optimization system is configured to switch off display backlights by shutting down a display backlight driver of the apparatus to reduce power consumption in the apparatus.

7. The apparatus of claim 5 wherein the current optimization system is configured to switch on the display backlight after flash pulses have been shot.

8. The apparatus of claim 1 wherein the apparatus comprises a mobile phone.

9. A method, comprising:

receiving a command from a camera of a device;
attenuating predefined peripherals/functionalities of the device; and
calculating an amount of time the predefined peripherals/functionalities are attenuated based on a flash mode of the camera.

10. The method of claim 9 wherein the attenuating further comprises switching off the predefined peripherals/functionalities of the device.

11. The method of claim 9 wherein the predefined peripherals/functionalities comprises at least one of a display backlight, a display pixel, a graphics/central processing unit clock, an integrated hands free speaker, or a vibra motor of the device.

12. The method of claim 9 wherein the camera comprises a first flash mode and a second different flash mode, wherein a current optimization system of the device is configured to calculate the amount of time the predefined peripherals/functionalities are attenuated based on a selected flash mode of the camera.

13. The method of claim 9 further comprising disabling the attenuations after flash pulses of a camera flash have been shot.

14. The method of claim 9 wherein the receiving of the command from the camera of the device further comprises receiving a 'take photo' command from the camera of the device.

15. A computer program product comprising a computer-readable medium bearing computer program code embodied therein for use with a computer, the computer program code comprising:

code for receiving a command from a camera of a device;
code for attenuating predefined peripherals/functionalities of the device; and
code for calculating an amount of time the predefined peripherals/functionalities are attenuated based on a flash mode of the camera.

16. The computer program product of claim 15 wherein the code for attenuating further comprises code for switching off the predefined peripherals/functionalities of the device.

17. The computer program product of claim 15 wherein the predefined peripherals/functionalities comprises at least one of a display backlight, a display pixel, a graphics/central processing unit clock, an integrated hands free speaker, or a vibra motor of the device.

18. The computer program product of claim 15 wherein the camera comprises a first flash mode and a second different flash mode, wherein a current optimization system of the device is configured to calculate the amount of time the predefined peripherals/functionalities are attenuated based on a selected flash mode of the camera.

19. The computer program product of claim 15 further comprising code for disabling the attenuations after flash pulses of a camera flash have been shot.